

- chrysanthemum (*Dendranthema grandiflora* Tzvelev) using random primers. Heredity 71:335–341.
- YU, L. X. and H. T. NGUYEN. 1994. Genetic variation detected with RAPD markers among upland and lowland rice cultivars (*Oriza sativa* L.). Theoretical and Applied Genetics 87:668–672.

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## NOTEWORTHY COLLECTIONS

### ARIZONA

*ANTHOCEROS AGRESTIS* Patton (Anthocerotae).—Pinal Co., Tonto National Forest, north of Hwy 60 at Top-of-the-World, between Superior and Globe. T1S R13E, ca. 111°00'40"W, 33°24'N, growing in Mule Spring drainage, west of Power's Gulch in a wet seep area along the stream with mosses, liverworts, and orchids, 30 April 1995, J. Rebman *et al.* 2906 (ARIZ, ASC, ASU, DES, SD).

*Previous knowledge.* Known to be widespread but more common in the eastern parts of the United States where it can occur as a weed in cultivated areas. This species of hornwort is not well understood and does have nomenclatural problems. The taxon was long known as *A. crispulus*, but the type specimen proved to be a different race of *A. punctatus*; more recently it was placed in *Aspiromitis punctatus* var. *agrestis*, but this name is incorrect based on a typification error (Alan Whittemore personal communication 1995).

*Significance.* First confirmed record for Arizona and not common in the southwestern USA. The locality where this hornwort was found is part of the proposed Carlota Copper Mine project and may be destroyed as development occurs.

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